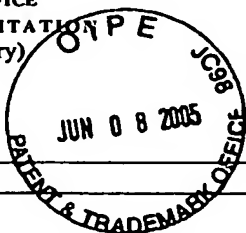


FORM HDP-1449 (Based on Form PTO-1449)  <b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		ATTORNEY DOCKET NO. 12480-00010	SERIAL NO. 10/526,775
Sheet 1 of 1		APPLICANTS Yasuo SUDA et al.	
		FILING DATE March 8, 2005	GROUP Unknown



U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date

FOREIGN PATENT DOCUMENTS							
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No
	/SH/	#1=JP 2003-83969 (A)	03/19/2003	JAPAN		ABST.	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
	/SH/	#2= "Synthesis of a conjugate having heparin partial structure and a distal disulfide group and its application to chip technology", A. ARANO et al., Tentative Lecture Proceedings II in the 79 <sup>th</sup> Spring Meeting, Chemical Society of Japan, March 15, 2001, p 1042 (4 G3 05)
		#3= "Preparation of a novel clustered oligosaccharide-ligand containing multi-units of heparin partial structure and its application for chip technology", A. ARANO et al., Chemical Society of Japan, the 82 <sup>nd</sup> Fall Meeting, September 10, 2002, p. 137 (1C1-11)
		#4= "Synthesis of Sugar Arrays in Microtiter Plate", F. FAZIO et al., J. AM. CHEM. SOC. 2002, 124, pp. 14397-14402
		#5= "Carbohydrate Chips for Studying High-Throughput Carbohydrate Protein Interactions", S. PARK et al., J. AM. CHEM. SOC. 2004, 126, pp. 4812-4819
		#6= "Nonstatistical binding of a protein to clustered carbohydrates", N. HORAN et al., PNAS, October 12, 1999, vol. 96, no. 21, pp. 11782-11786
		#7= "Carbohydrate Arrays for the Evaluation of Protein Binding and Enzymatic Modification", B. T. HOUSEMAN et al., Chemistry & Biology, Vol. 9, pp. 443-454, April 2002
		#8= "Using Model Substrates To Study the Dependence of Focal Adhesion Formation on the Affinity of Integrin-Ligand Complexes", M. KATO et al., Biochemistry 2004, 43, pp. 2699-2707
		#9= "Probing Protein-Carbohydrate Interactions with Microarrays of Synthetic Oligosaccharides", D. M. RATNER et al., ChemBioChem, 2004, 5, pp. 379-382
		#10= "Oligosaccharide microarrays to decipher the glyco code", T. FEIZI et al., NATURE REVIEWS, July 2004, vol. 5, pp. 582-588

DJD/bof

Examiner: /Shafiqul Haq/	Date Considered: 07/13/2007
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# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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 PATENT & TRADEMARK OFFICE  
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 APPLICANT(S)  
Yasuo SUDA et al.

 FILING DATE  
March 8, 2005

 APPLICATION NO.  
NEW APPLICATION

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
/SH/	WO 01/86301 A1	05/10/2001 11/15/2001	WIPO				
/SH/	JP 2002-080488 A	03/19/2002	JAPAN				

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issu number(s), publisher, city and/or country where published.

/SH/		Akio ARANO et al., "Heparin Bubun Kozo o Yusuru Cluster-ka Oligo-torui Ligand no gosei to chip Technology eno Oyo", CSJ: The chemical Society of Japan Dai 82 Shuki Nenkai (2002) Kagaku Kankeigaku Kyogikai Kenkyu Happyokai Rengo Toronkai Godo Taikai, 10 September 2002 (10.09.02), Page 137 (1C1-11)
		Yasuo SUMIDA, "Ryusanka Tennen Tato no Kino Domain Kozo no Saikochiku to Sensor Chip eno Oyo", CSJ: The Chemical Society of Japan Dai 81 Shunki Nenkai 2002 Nen Koen Yokoshu II, March 2002, Page 949 (1F6-33)
		Hideki HAYASHI et al., "Ryusanka Oligo-to no Shugoka, Biotin-ka oyobi Sono Hyomen Plasmon Kyomei eno Oyo", CSJ: The Chemical Society of Japan Dai 79 Shunki Nenkai (2001) Koen Yokoshu II, March 2001, Page 1042 (4G304)
		Akio ARANO et al., "Disulfide Ketsugo O Yusuru Linker O Ketsugo saseta Heparin Bubun Kozo no Gosei to Chip Technology eno Oyo", CSJ: The Chemical Society of Japan Dai 79 Shunki Nenkai (2001) Koen Yokoshu II, March 2001, Page 1042 (4G305)
		KOSHIDA S et al., An efficient method for the assembly of sulfated oligosaccharides using reductive amination., Tetrahedron Lett., 2001, Vol. 42, Pages 1293 to 1296
		KOSHIDA S et al., Synthesis of oligomeric assemblies of a platelet-binding key disaccharide in heparin and their biological activities., Tetrahedron Lett. 2001, Vol. 42, Pages 1289 to 1292
		Yasuo SUMIDA et al., "Ryusanka Oligo-to o Koteika shita Sugar Chip no Kaihatsu to Hyomen Plasmom Kyomei eno Oyo, Seikagaku, 25 August 2002 (25.08.02), Vol. 74, No. 8, Page 849 (3P-047)
		Hideki HAYASHI et al., "Ryusanka Oligo-to no Shugoka, Biotin-ka to Sono Sensor chip eno Oyo", Dai 23 Kai The Japanese Society of Carbohydrate Research Nenkai Yoshishu, July 2002, Page 75 (PI-05)
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